Index of Claims

| App | lica | tion | /Con | trol | Ñο. |
|-----|------|------|------|------|-----|
|     |      |      |      |      |     |

Applicant(s)/Patent under Reexamination

10/693,013

Examiner

LEUNG ET AL. Art Unit

Minh-Loan T. Tran

2826

✓ Rejected= Allowed

- (Through numeral)
Cancelled
+ Restricted

N Non-Elected
I Interference

A Appeal
O Objected

| Claim Date |                |        | Cla                  | Date                               |          |                       |        |                        | laim     | Date        |         |                 |          |                         |          |          |          |            |                              |          |              |              |           |                 |          |          |
|------------|----------------|--------|----------------------|------------------------------------|----------|-----------------------|--------|------------------------|----------|-------------|---------|-----------------|----------|-------------------------|----------|----------|----------|------------|------------------------------|----------|--------------|--------------|-----------|-----------------|----------|----------|
| Final      | Original       | 2/7/05 |                      |                                    |          |                       |        | Final                  | Original |             |         |                 |          |                         |          |          | Final    | Original   |                              |          |              |              |           |                 |          |          |
|            | (1)            |        |                      | +-                                 | -        | $\vdash$              | -      |                        | 51       | +           | +       | $\sqcup$        | +        | $\dashv$                | +        | -        |          | 101        | _                            | $\sqcup$ | +            | +            | ╁         |                 | $\dashv$ | $\dashv$ |
| $\vdash$   | 2              | -      |                      | +-+                                |          | $\vdash$              | ١!!!   | $\vdash \vdash \vdash$ | 52       | $\dashv$    | +       | $\vdash$        |          | + +                     | $\dashv$ | -        |          | 102        | ┢                            | $\vdash$ | +            | +            | ╁╴        | Н               | -        | $\dashv$ |
|            | 3              | =      |                      | 1-                                 | +        |                       | -      | $\vdash$               | 53       |             | +       | H               | +        | +                       |          | -        |          | 103        | $\vdash$                     | $\vdash$ | +            | ╅            | ╁         | $\vdash$        | $\dashv$ | $\dashv$ |
|            | 4              | =      |                      | +                                  | +        |                       | ┧Ш     | $\vdash \vdash$        | 54       | +           | +       | 1-1             | _        | + +                     | $\dashv$ | -        |          | 104        | 一                            | $\vdash$ | 十            | 十            | $\dagger$ | H               | $\dashv$ | $\neg$   |
|            | 5              | =      |                      |                                    | +        |                       | ۱      | $\vdash$               | 55       | $\dashv$    | +-      | $\Box$          | $\dashv$ | 11                      | $\neg$   |          |          | 105        | <u> </u>                     | Ħ        | 十            | 十            | +         | П               | ヿ        | $\neg$   |
|            | 6              | =      |                      |                                    | $\top$   |                       | 7      |                        | 56       | 十           | 1       | Ħ               |          | 11                      | _        | 7        |          | 106        | Г                            |          | 1            | 十            | ✝         |                 | ᄀ        |          |
|            | 7              | =      |                      |                                    |          |                       |        |                        | 57       |             |         |                 |          | T                       |          | 7        |          | 107        |                              |          |              |              |           |                 | $\neg$   |          |
|            | 8              | =      |                      | $\Box$                             |          |                       |        |                        | 58       |             |         |                 |          |                         |          |          |          | 108        |                              |          |              |              |           |                 |          |          |
|            | 9              | 11     |                      |                                    |          |                       |        |                        | 59       |             |         |                 |          |                         |          |          |          | 109        |                              |          |              |              |           |                 |          |          |
|            | 10             | =      |                      |                                    |          |                       |        |                        | 60       |             |         |                 |          |                         |          |          |          | 110        |                              |          |              |              |           |                 |          |          |
|            | 11             | =      |                      |                                    |          |                       |        |                        | 61       |             |         |                 | $\perp$  | $\sqcup$                |          | _ ::::   |          | 111        | ļ                            | $\perp$  | $\bot$       | ┸            |           | Ш               | _        |          |
|            |                |        |                      | $\perp \perp$                      |          |                       | 4      |                        | 62       |             |         | Ш               |          | $\perp$                 | $\perp$  | _        |          | 112        | _                            | Ш        |              | $\perp$      |           | Ш               | Ц        | _        |
| L          | 13             |        |                      | 1-1-                               | $\bot$   | $\sqcup \bot$         | 4      | $\sqcup \sqcup$        | 63       |             | $\perp$ | $\sqcup$        |          | $\downarrow \downarrow$ | $\perp$  | _        |          | 113        | <u> </u>                     | $\sqcup$ | $\perp$      | $\perp$      | $\perp$   | Ш               |          |          |
| $\Box$     | 14             |        |                      | ++                                 | $\bot$   | $\sqcup \!\! \perp$   | 4      |                        | 64       | $\perp$     | 4       | $\sqcup$        | $\perp$  | 1 1                     |          | 4        |          | 114        | $ldsymbol{ldsymbol{\sqcup}}$ | $\sqcup$ | $\bot$       | _            | $\perp$   | $\sqcup$        | _        |          |
|            | 15             |        |                      | ++                                 | 4        | $\sqcup$              | 4      |                        | 65       | _           | +       | $\sqcup$        | $\dashv$ | +                       | +        | 4        | <u> </u> | 115        | <u> </u>                     | $\vdash$ | _            | +            | 4-        |                 |          |          |
| $\square$  | <del>2</del> 5 |        |                      | ++                                 | +        | $\vdash \vdash$       | -      | <b>  </b>              | 66       | $-\bot$     | +       | $\sqcup$        | $\dashv$ | +                       | +        |          | <u> </u> | 116        | ⊢                            | $\vdash$ | +            | +            | -         |                 |          |          |
|            |                |        | -                    | ++                                 | +        | $\vdash$              | 4      | <b>  </b>              | 67       |             | +       | $\vdash$        | +        | ++                      |          |          | _        | 117        | _                            | $\vdash$ | +            | +            | +-        | $\vdash$        | $\dashv$ | $\dashv$ |
|            | 18             |        |                      | +-+                                | +-       |                       | -      | $\vdash$               | 68       | +           | 1       | $\vdash$        |          | ╁                       | +        | -        | _        | 118        | <u> </u>                     | $\vdash$ | +            |              | +         | $\vdash$        | $\dashv$ | $\dashv$ |
|            | 19             | _      |                      | +-                                 |          | <b></b>               | -4     | $\vdash$               | 69       | +           | +       | $\vdash$        |          | +                       | -+       | -        | <u> </u> | 119        | _                            | $\vdash$ | +            | +-           | 1         | $\vdash$        |          |          |
|            | 40             | _      | ++                   | ++                                 |          | $\vdash$              | -      | $\vdash$               | 70       | +           | +       | -               | - -      | ┯                       | +        | -        |          | 120        | ┝                            | $\vdash$ | -            | +-           | +         | Н               | $\dashv$ | _        |
|            | 21             | _      |                      | ++                                 | +        | $\vdash$              | -      | Ш                      | 71<br>72 |             | +-      | $\vdash$        | _        | ++                      | +        | -        |          | 121        | -                            | -        | -            | +            | +         | $\vdash$        | $\dashv$ | -        |
|            | 22             |        |                      | +                                  | +-       | $\vdash$              | -      | $\vdash$               | 73       |             | +       | $\vdash$        | _        | +                       | +        | -        | _        | 122        | -                            | $\vdash$ | +            | +            | +         | H               | $\dashv$ |          |
|            | 23<br>24       |        |                      | +                                  | +        | $\vdash$              | -      | $\vdash$               | 74       | +           | +-      | $\vdash$        | +        | +                       | +        | -        | _        | 123<br>124 | ┢                            | -        | +            | +            | ╁         | $\vdash$        | $\dashv$ | $\dashv$ |
|            | 25             | _      | $-\!\!+\!\!-\!\!\!+$ | ++                                 | +-       | $\vdash$              | -      | Н                      | 75       | +           | +       |                 |          | ╁                       | +        | -        | _        | 125        | $\vdash$                     | $\vdash$ | +            | +-           | ╁         | H               | $\dashv$ | $\dashv$ |
|            | 26             | _      | +                    | ++                                 | +        | ╁                     | -      |                        | 76       | -+          | +       | $\vdash$        | +        | +                       | +        |          |          | 126        | -                            | $\vdash$ | +            | +            | +         | $\vdash$        | $\dashv$ | $\dashv$ |
|            | 27             | -      |                      | +                                  | +        | $\vdash$              | -      |                        | 77       | +           | +       | $\vdash$        | +        | ╁                       | $\dashv$ | -        |          | 127        | ┢╌                           | -        | ╅            | +            | +         | $\vdash$        | $\dashv$ | $\dashv$ |
|            | 28             |        |                      | ++                                 | +        | $\vdash$              | -      | $\vdash$               | 78       | $\dashv$    | +       | 1-1             | +        | + +                     | $\dashv$ | ⊣::::    | _        | 128        |                              | $\vdash$ | +            | ╁            | +         | H               | 一        | -        |
|            | 29             |        |                      | ++                                 | +        | $\vdash$              | -      | H                      | 79       | -  -        | +       | $\vdash$        | $\dashv$ | ++                      | $\dashv$ | $\dashv$ |          | 129        |                              |          | +            | ╈            | +         | H               | 一        | $\neg$   |
|            | 30             |        |                      | +                                  | +        | $\vdash$              | -      |                        | 80       | $\dashv$    | +       | $\vdash$        | +        | ++                      | $\dashv$ | 7        | $\vdash$ | 130        | Н                            | $\vdash$ | +            | +            | +         |                 | ヿ        | $\neg$   |
|            | 31             |        |                      | † †                                | +-       |                       | 7      |                        | 81       | +           | +-      | 1               |          | 11                      | $\dashv$ | ١!!!     |          | 131        | $\vdash$                     | $\vdash$ | _            | +-           | †         | H               | 寸        | $\neg$   |
|            | 32             | _      |                      | 11                                 | +        |                       | 7      |                        | 82       |             | 1       | $\Box$          | $\top$   | 11                      | _        | 7        |          | 132        |                              | $\vdash$ | $\top$       | $\top$       | $\top$    | П               | ╛        | $\neg$   |
|            | 33             |        |                      | 11                                 | $\top$   |                       |        |                        | 83       | $\neg$      | T       | $\sqcap$        | $\dashv$ | 17                      | 一        | 7::::    |          | 133        |                              | $\Box$   | $\top$       | 1            | 1         | П               | $\neg$   | $\neg$   |
|            | 34             |        |                      |                                    |          |                       |        |                        | 84       |             |         | П               |          |                         |          |          |          | 134        |                              |          | $\top$       |              | $\top$    |                 |          |          |
|            | 35             |        |                      |                                    | $\perp$  |                       |        |                        | 85       |             |         |                 |          |                         |          |          |          | 135        |                              |          |              | $oxed{oxed}$ |           |                 | $\Box$   |          |
|            | 36             |        |                      |                                    |          |                       |        |                        | 86       |             |         |                 |          |                         |          |          |          | 136        |                              |          | $oxed{\Box}$ |              |           |                 |          |          |
|            | 37             |        |                      |                                    |          |                       |        |                        | 87       |             |         |                 |          |                         |          |          |          | 137        |                              |          | $oxed{oxed}$ |              |           |                 | $\Box$   |          |
|            | 38             |        |                      |                                    |          |                       |        |                        | 88       |             |         |                 |          | $\Box$                  |          | _        |          | 138        |                              |          | $\perp$      | $\perp$      |           | $\Box$          | $\Box$   |          |
|            | 39             |        |                      |                                    |          | $\Box$                | _      |                        | 89       |             |         |                 |          | oxdot                   |          | _        |          | 139        |                              |          |              | $\perp$      |           | Ш               | $\Box$   |          |
|            | 40             |        |                      | $\perp \perp$                      | 丄        | $oxed{oxed}$          | _      | Ш                      | 90       |             | $\perp$ | Ц               | 1        | $\perp \perp$           | _ _      | _ ::::   | L.       | 140        | Щ                            | Щ        | $\perp$      | $\perp$      |           | Ш               | $ \bot $ |          |
| ]          | 41             |        | $\bot \bot$          | $\bot \bot$                        | $\perp$  | $\sqcup \!\!\! \perp$ | _      |                        | 91       | $\perp$     | _       | Щ               |          | 1-1                     |          | _        | <u> </u> | 141        | Щ                            | $\sqcup$ | _ _          | _            | ↓_        | Ш               | $\dashv$ | _        |
|            | 42             |        |                      | $\downarrow \downarrow \downarrow$ | 4        | $\sqcup$              | 4      | igsquare               | 92       | $\bot$      | 4       | Щ               |          | $oldsymbol{\downarrow}$ | 4        | 4        | <u> </u> | 142        | Щ                            | $\sqcup$ | ┵            | 4            | 1         | $\sqcup$        | $\dashv$ | _        |
|            | 43             |        | $\perp$              | $\bot\bot$                         | <b>_</b> | $\vdash$              | _      | igsqcut                | 93       | $\perp$     | _       | $\sqcup$        | _ _      | ₩                       | $\perp$  | 4        | <u> </u> | 143        | Щ                            | $\sqcup$ | _ _          | 4            | ↓_        | $\sqcup$        | _        | $\dashv$ |
|            | 44             |        | +                    | ++                                 |          | $\vdash \vdash$       | -      | $\sqcup$               | 94       | +           | 4_      | $\sqcup$        |          | <del>     </del>        | _        | -        | <u> </u> | 144        | Ш                            | $\dashv$ | +            | +            | +         | $\vdash \vdash$ | _        |          |
|            | 45             |        | +                    | ++                                 | +        | <b>├</b> -├-          | -      |                        | 95       | <del></del> | +       | $\sqcup$        |          | +                       | -        | 4        | ⊢-       | 145        | <u> </u>                     |          | 4            | +            | ╀-        | $\vdash$        | _        |          |
|            | 46             |        |                      | ++                                 | +        | $\vdash \vdash$       | - :::: |                        | 96       | +           | ┼       | $\vdash \vdash$ | -        | ╁╌┼                     | _        | -        | <u> </u> | 146        | Щ                            | -        | +            | +            | +         | $\vdash \vdash$ |          | $\dashv$ |
|            | 47             |        | ++                   | ++                                 | +        | $\vdash \vdash$       | -      | $\vdash \vdash \vdash$ | 97       | _           | ┷       | $\sqcup$        | +        | +                       | +        | -        | $\vdash$ | 147        | Ш                            | $\dashv$ | - -          | +-           | $\vdash$  |                 | $\dashv$ |          |
|            | 48             | _      |                      | ++                                 |          | $\vdash$              | 4      | $\vdash \vdash \vdash$ | 98       | _           | +-      | $\vdash \vdash$ |          | +-+                     | -        |          | <u> </u> | 148        | $\vdash$                     | -        | +            | +            | +         | $\vdash \vdash$ | $\dashv$ | $\dashv$ |
|            | 49             | _      | +                    | ++                                 | +        | - -                   | -      | $\vdash \vdash \vdash$ | 99       | -           | +       | $\vdash \vdash$ | -        | + +                     |          | - :::    | ļ        | 149        | Ш                            | $\dashv$ | +            | +            | +         | $\vdash$        | $\dashv$ |          |
|            | 50             |        |                      | $\perp \perp$                      |          |                       |        |                        | 100      | L_          | Щ.      | $\Box$          |          | Ш                       |          |          | Щ.       | 150        |                              |          | 丄            | _L_          | L         | Щ               | 1        |          |